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<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copthis form with next communication to applicant.

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TH	AO	J. A. C. Bingham, "N Communications Ma	Multicarrier Mod Igazine, Vol. 28	ulation for Data Transmissi , May 1990, pages 5-8 and	ion: An Idea 1 11-14	Whose Time Has	Come", IEEE		
H	AP	B. Hirosaki, "An Orth Transactions on Cor	nogonally Multip mmunications, \	olexed QAM System Using Vol. Com-29, No. 7, July 19	the Discrete 981, pages 9	Fourier Transfor 82-989	m", IEEE		
DH	AQ	L. J. Cimini, Jr., "Ana Multiplexing", IEEE 1	alysis and Simu Jansactions on	lation of a Digital Mobile Communications, Vol. Co	hannel Usin m-33, No. 7,	g Orthogonal Fred July 1985, pages	quency Division s 665-675 and Annex		
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D	44	AA	3,824,548	7-16-74	Sullivan et al.				
		AB	3,959,726	5-25-76	Hinoshita et al.				
		AC	4,303,939	12-1-81	Stephens et al.				
		AD	4,303,941	12-1-81	Marti et al.			~	
		AE	4,309,726	1-5-82	Tanaka et al.				
		AF	4,535,352	8-85	Haskell				
		AG	4,564,858	1-14-86	Resch				
		АН	4,581,639	4-8-86	Judge		;		
		AI	4,769,819	9-6-88	Matsutani et al.		<del></del>		
		AJ	4,794,447	12-27-88	Tsinberg				
		AK	4,817,192	3-28-89	Phillips et al.		- ;		
		AL	5,029,003	7-91	Jonnalagadda				
		АМ	5,134,464	7-28-92	Basile et al.		~		
		AN	5,400,084	3-21-95	Scarpa		<u></u>	_	
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PA	1-	AP	3-48587	3-1-91	Japan			abstract	
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P	W-	AQ	Masafumi SAITO et	al., "Bit Error R	ate Characteristics of OFD	DM in Multipath E	Environment",	1991	
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		АВ	5,377,051	12-27-94	Lane et al.						
		AC	5,576,902	11-19-96	Lane et al.		<i>,</i>				
		AD	5,218,622	6-8-93	Fazel et al.						
		ΑE	5,561,468	10-1-96	Bryan et al.						
		AF	5,598,220	1-97	Citta et al.						
		AG	5,802,241	9-1-98	Oshima			_			
		АН	4,800,426	1-24-89	Glenn			_			
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DH	AP	Yasuhiro ITO et al., Terrestrial Digital Te	"Adaptive Weig elevision Broad	ghted Code Division Mul casting", ITE Technical	Itiplexing (A Report Vol.	W-CDM 17, No.	l) Transmissio 13, pp 27-32,	n System for February 25	, 1993	
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	AL	58-161427	9-26-83	Japan			abstract		
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<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copthis form with next communication to applicant.

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	AJL	61-70861	4-11-86	Japan				abstract		
	AK	2-218279	8-30-90	Japan				abstract		
	AL	2,095,435	5-10-92	Canada				X		
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